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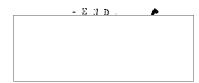
COMPARE SOVIET WITH FOREIGN-MADE MACHINE TOOLS

Dostizheniya Otechestvennov Tekhniki v Mashinostroyenii Moscow, 1951

Ye. A. Chudakov

Many modern special machine tools have been perfected in the USSR. For example, the Moscow Krasnyy Proletariy Plant has produced a group of automatic machine tools for machining railroad car axles. This group of machines can process railroad car and tender axles from matrix to finish. The productivity of these Soviet machine tools is 2-2.5 times as high as the maximum productivity of imported machine tools intended for this purpose. At the Nizhniy Tagil Railmodels Vaguer, Naple, Krevenn, Betts / Proper names transliterated and others is 18-20 axles per shift. The same worker operating new Krasnyy Proletariy equipment can put out 45-50 axles per shift.

An original high-production gear grinding machine based on the generating principle grinds gears with vorm-shaped abrasives. In its efficiency, it excels similar imported gear grinding machines. It is 10-12 times as productive as a machine tool produced by the US firm "MACG" and 3-4 times as productive as the latest-design machine tool of the "Orkut" firm.



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